

COMPANY PROFILE 中文简介

Pressure Sensor Ltd is a global designer and manufacturer of sensor-based products.

We have over 30 years experience in the sensor industry and pride ourselves on quality, service and the long-term strategic partnerships we have with customers all over the world.

Using our core MEMS and electronics technology in combination with our low-cost manufacturing we can offer standard industrial/commercial pressure sensors as well as full-custom and semi-custom pressure sensor products. PSL is an ideal partner for companies looking for sensor solutions.

Our capabilities include amongst others automotive, industrial and consumer applications and span a variety of sectors, including pressure, force, light, temperature, displacement, RF, USB and Bluetooth sensor-based products.

We have a highly qualified and experienced team of technicians based in Virginia USA and Shenzhen China. The factory in Shenzhen is vertically integrated to ensure that all major product and development projects are done in house.

We are here to provide our clients a better service with a mind-set of Quality and Innovation!

Pressure Sensor Ltd (PSL) 是一家专门从事传感器产品设计与制造的企业，在传感器领域有30多年的丰富经验，与世界各地客户保持着长期的战略合作伙伴关系。

PSL公司拥有核心传感器技术，能为客户提供各类标准化和定制化的高品质产品和方案，产品结构丰富，应用领域广阔。

随着全球业务的迅速发展，PSL公司在美国Virginia州和深圳设立有大型研发中心，在深圳设立有现代化工厂，竭诚为客户提供高效的项目管理和订单管理。

PSL传感器，品质与创新的典范！

APPLICATIONS 应用领域

Medical:

Including Infusion Pump, Transfusion System, Low Cost Disposable Sensors, Medical Application

医疗设备

输液泵，传输系统，医疗应用

Automotive/Off-Road/Transportation:

Railway, Marine, Automotive

汽车/越野/运输

铁路/轮船/汽车

HVAC:

Pressure, Temperature Measurement for Refrigerants, Compressed Gasses

暖通设备

制冷剂、气压的压力和温度测试

Process Control:

Tank Level Monitoring, Water, Steam, Compressed Air, Gas & Hydraulic Pressure Measurement

过程控制

油箱液位监控，水压、蒸汽压、空压及液压测量

Instrumentation:

Research and Development, Test Stands, Product Development, Data Logging

仪器仪表

研发，测试标准，产品开发，数据记录

Machinery & Equipment:

Compressors, Hydraulics, Industrial Engines

机械及设备

空压机，液压，工业引擎

Wireless BLE 4.0 Connectivity:

Sensors with Bluetooth Connectivity, Battery Powered & External Power Options

蓝牙4.0无线通信

传感器具有蓝牙通信功能
电池或外部电源供电

OEM Commercial:












Force Sensor, Load cell, Foot, T-Beam, M-Beam

OEM











力传感器，T-beam, M-beam



PRODUCT SPECIFICATIONS 产品规格

		High Performance 高性能型				General Purpose 常规型			General Purpose 常规型			
		812	813	815	816	512	513	515	312	313	315	316
												
Pressure Range 压力量程	Psi Bar	0-100/250/500/1000/2500/5000/10000/15000/20000/30000/40000 1-6.9/17/34.5/69/172.4/345/690/1034/1379/2045/2725				0-100/250/500/1000/2500/5000/10000/15000/20000 1-6.9/17/34.5/69/172.4/345/690/1034/1379			0-100/250/500/1000/2500/5000/10000/15000/20000 1-6.9/17/34.5/69/172.4/345/690/1034/1379			
Dimensions 尺寸		80.09mm(3.153")	69.67mm(2.743")	62.18mm(2.448")	71.03mm(2.797")	75.13mm(2.958")	64.72mm(2.548")	57.23mm(2.253")	72.47mm(2.853")	62.06mm(2.443")	62.18mm(2.448")	72.47mm(2.853")
Hex 六角 Hex Depth 六角深度	Size 尺寸 4-6mm 8-10mm	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Temperature Compensation 温度补偿方式	ASJC Passive	x	x	x	x	x	x	x	x	x	x	x
Wetted Parts 接液件	316 SS 17-4 PH	x	x	x	x	x	x	x	x	x	x	x
CE Certification Marked CE 认证标注		x	x	x	x	x	x	x	x	x	x	x
ELECTROMAGNETIC-COMPATIBILITY 电磁兼容性												
	EM/RFI	x	x	x	x	x	x	x	x			
Thread 螺纹接口	1= 1/8-27 NPT 2= 1/4-18 NPT 3= DIN3852-A-G1/4 4= DIN3852-E-G1/4 5= DIN3852-A-M10*1.0 6= DIN3852-A-M12*1.5 7= 7/16-20 UNF X= Special	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x
Electrical Connection 电气连接	Cable Packard DIN43650 Connector M12 4Pin Connector Header	x	x	x	x	x	x	x	x	x	x	x
Performance 性能												
Voltage Output 电压输出型	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability % FS/year	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%
4-20 mA Output 电流输出型	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability % FS/year	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.2%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 1.5% ± 1.0% < ± 0.3%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%	± 0.5% ± 2.0% ± 1.0% < ± 0.35%
Compensated Temperature Range 温度补偿范围		-20 °C~+85 °C	-20 °C~+85 °C	-20 °C~+85 °C	-20 °C~+85 °C	-10 °C~+85 °C	-10 °C~+85 °C	-10 °C~+85 °C	0 °C~+85 °C	0 °C~+85 °C	0 °C~+85 °C	0 °C~+85 °C
Operating Temperature Range 工作温度范围		-40 °C~+125 °C	-40 °C~+125 °C	-20 °C~+100 °C	-40 °C~+125 °C	-20 °C~+100 °C	-20 °C~+100 °C	-20 °C~+100 °C	-10 °C~+100 °C	-10 °C~+100 °C	-10 °C~+100 °C	-10 °C~+100 °C
Storage Temperature Range 存储温度范围		-40 °C~+125 °C	-40 °C~+125 °C	-40 °C~+125 °C	-40 °C~+125 °C	-40 °C~+125 °C	-40 °C~+125 °C	-40 °C~+125 °C	-20 °C~+125 °C	-20 °C~+125 °C	-20 °C~+125 °C	-20 °C~+125 °C
Burst Pressure 爆破压		4X FS	4X FS	4X FS	4X FS	3X FS	3X FS	3X FS	3.5X FS	3.5X FS	3.5X FS	3.5X FS
Proof Pressure 过载压力		2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS
Pressure Cycles (Million) 压力循环 (百万次)		5	5	5	5	4	4	4	4	4	4	4
Mechanical Vibration 机械振动	IEC 60068-2-6, 50 g, 10 - 2000 Hz 20 g, 10 - 2000 Hz	x	x	x	x	x	x	x	x	x	x	x
Mechanical Shock 机械冲击	IEC 60068-2-27, 50 g, 11 ms pulse Half Sinusoid 半弦	x	x	x	x	x	x	x	x	x	x	x
Ingress Protection 防护等级	IP level	IP65	IP65	IP66	IP65	IP65	IP65	IP66	IP65	IP65	IP65	IP66
Electrical data 电气参数												
Supply Voltage (VDC) 供电电压	0.5 - 4.5 V Ratiometric 1 - 5 V, or 0 - 5 V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V
Voltage Outputs 电压输出	Supply Current (mA)	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Supply Voltage (VDC) 供电电压	4 - 20 mA Supply Current (mA)	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30	9-32V <30

PRODUCT SPECIFICATIONS 产品规格

		Low Cost 低成本型					Low Cost Ceramic 低成本陶瓷型		Low Cost Automotive 尿素传感器	Low pressures 低压传感器	
		212	213	215	216	217	422	423	616	620	623
											
Pressure Range 压力量程	Psi Bar Pressure Type 压力类型	0-100/250/500/1000/2500/5000/10000/15000/20000 1-6.9/17/34.5/69/172.4/345/690/1034/1379 Gauge 表压					0-30/50/75/150/300 0-2/3.4/5.2/10.3/20.7 Gauge & Sealed Gauge 表压和密封压		0-72.5/145 0-5/10 Absolute & Sealed Gauge 绝压和密封压	0-72.5/145 0-5/10 Absolute&Sealed Gauge 绝压和密封压	0-1.45/2.9/5.8/14.5 0-0.1/0.2/0.4/1 Gauge 表压
Dimensions 尺寸	Total Length 总长度	67.51mm(2.658")	57.10mm(2.248")	49.61mm(1.953")	50.85mm(2.002")	68.00mm(2.677")	46.18mm(1.818")	27.25mm(1.073")	L: 40.64mm(1.600") W: 27.99mm(1.102")	60.00mm(2.36")	70.61mm(2.78")
Hex 六角 Hex Depth 六角深度	Size 尺寸 4-6mm 8-10mm	7/8" x	7/8" x	7/8" x	5/8" x	5/8" x	7/8" x	7/8" x	7/8" x	7/8" x	7/8" x
Temperature Compensation 温度补偿方式	ASIC Passive	x	x	x	x	x	x	x	x	x	x
Wetted Parts 接液件	316 SS 17-4 PH Brass O-rings (FKM,Viton, HNBR, or CR)	x x x x	x x x x	x x x x	x x x x	x x x x	x x x x	x x x x	x x x x	x x x x	x x x x
CE Certification Marked ELECTROMAGNETIC-COMPATIBILITY: 电磁兼容性	CE 认证标注										
	EM/RFI										
Thread 螺纹接口	1= 1/8-27 NPT 2= 1/4-18 NPT 3= DIN3852-A-G1/4 4= DIN3852-E-G1/4 5= DIN3852-A-M10*1.0 6= DIN3852-A-M12*1.5 7= 7/16-20 UNF X= Special	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X	X X X X X X X X
Electrical Connection 电气连接	Cable Packard DIN43650 Connector M12 4Pin Connector Header	x	x	x	x	x	x	x	x	x	x
Performance 性能											
Voltage Output or Bluetooth Output 电压输出或蓝牙输出	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability(Typical)% FS/year	±0.5% ±2.0% ±1.0% < ±0.35%	±0.5% ±2.0% ±1.0% < ±0.35%	±0.5% ±2.0% ±1.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.25%	±1.0% ±3.0% ±2.0% < ±0.25%	±0.5% ±2.0% ±2.0% < ±0.5%	±0.5% ±3.0% ±2.0% < ±0.5%	±0.4% ±3.0% ±2% < ±0.25%
4-20 mA Output 电流输出	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability % FS/year	±0.5% ±2.0% ±1.0% < ±0.35%	±0.5% ±2.0% ±1.0% < ±0.35%	±0.5% ±2.0% ±1.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.35%	±1.0% ±3.0% ±2.0% < ±0.25%	±1.0% ±3.0% ±2.0% < ±0.25%	±0.5% ±2.0% ±2.0% < ±0.5%	±0.5% ±3.0% ±2.0% < ±0.5%	±0.4% ±3.0% ±2% < ±0.25%
Compensated Temperature Range 温度补偿范围		0°C~+70°C	0°C~+70°C	0°C~+70°C	0°C~+55°C	0°C~+55°C	-20°C~+85°C	-20°C~+85°C	-20°C~+85°C	0°C~+70°C	0°C~+70°C
Operating Temperature Range 工作温度范围		0°C~+85°C	0°C~+85°C	0°C~+85°C	0°C~+85°C	0°C~+85°C	-40°C~+100°C	-40°C~+100°C	-40°C~+125°C	-10 ~+85	-10°C~+85°C
Storage Temperature Range 存储温度范围		-10°C~+100°C	-10°C~+100°C	-10°C~+100°C	-10°C~+100°C	-10°C~+100°C	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C	-10 ~+85	-10°C~+85°C
Burst Pressure 爆破压		3.5X FS	3.5X FS	3.5X FS	3.5X FS	3.5X FS	3X FS	3X FS	3X FS	3X FS	8X FS
Proof Pressure 过载压力		2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	2X FS	1.5X FS	2X FS	3X FS
Pressure Cycles (Million) 压力循环 (百万) 次		4	4	4	4	4	4	4	4	4	4
Mechanical Vibration 机械振动	IEC 60068-2-6, 50 g, 10 - 2000 Hz 20 g, 10 - 2000 Hz	x	x	x	x	x	x	x	x		
Mechanical Shock 机械冲击	IEC 60068-2-27, 50 g, 11 ms pulse Half Sinusoid 半弦 IEC 60068-2-27, 30 g, 11 ms pulse	x	x	x	x	x	x	x	x		
Ingress Protection 防护等级	IP level	IP65	IP65	IP66	IP65	IP65	IP67	IP67	IP65	IP67	IP67
Electrical data 电气参数											
Supply Voltage (VDC) 供电电压	0.5 - 4.5 V Ratiometric 1- 5 V or 0- 5 V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V 8-32V	4.75-5.25V	4.75-5.25V	4.75-5.25V
Voltage Outputs or Bluetooth Output 电压输出、蓝牙输出	Supply Current (mA) Zero Offset +/- % FSO	<3 1.0	<3 1.0	<3 1.0	<3 2.0	<3 2.0	<3 2.0	<3 2.0	<3 2.0	<3 2.0	<3 2.0
Supply Voltage (VDC) 供电电压		4 - 20 mA	9-32V	9-32V	9-32V						
Current Outputs 电流输出	Supply Current (mA)	<30	<30	<30							

PRODUCT SPECIFICATIONS 产品规格

		Low to Medium Pressures 低到中压型					Wet/Wet DP 差压	Level Measurement 液位传感器		Bluetooth Transducer 蓝牙传感器
		110	120	121	122	123	628	632	633	903
Pressure Range 压力量程	Psi Bar Pressure Type 压力类型	0~100/250/500/1000/2500/5000/10000/15000/20000 1~6.9/17/34.5/69/172.4/345/690/1034/1379 Gauge 表压					0~1.45/2.9/5.8/ 14.5/72.5/145 0~0.1/0.2/0.4/1/5/10 Differential 差压	0~1.45/2.9/5.8/14.5 0~0.1/0.2/0.4/1 Gauge 表压		0~100/250/500/1000/2500 5000/10000/15000/20000 0~6.9/17.2/34.5/68.9/172.4 345/689/1034/1379 Gauge/Absolute 表压和绝压
Dimensions 尺寸	Total Length 总长度	42.93mm(1.69")	45.82mm(1.804")	37.69mm(1.484")	50.11mm(1.973")	41.98mm(1.653")	L: 66.80mm(2.63") W: 52.32mm(2.06")	138mm(5.44")	62.74mm(2.47")	L: 66.64mm(2.624") D: φ38.95mm(1.534")
Hex 六角 Hex Depth 六角深度	Size 尺寸 4~6mm 8~10mm	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Temperature Compensation 温度补偿方式	ASIC Passive		x	x	x	x	x	x	x	x
Wetted Parts 接液件	316 SS 17-4 PH Brass O-rings (FKM,Viton, HNBR, or CR)	x x	x x	x x	x x	x x	x	x	x	x
CE Certification Marked ELECTROMAGNETIC-COMPATIBILITY 电磁兼容性	CE 认证标注									x
	EMC/RFI									x
Thread 螺纹接口	1= 1/8-27 NPT 2= 1/4-18 NPT 3= DIN3852-A-G1/4 4= DIN3852-E-G1/4 5= DIN3852-A-M10*1.0 6= DIN3852-A-M12*1.5 7= 7/16-20 UNF X= Special	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x	x x x x x x x
Electrical Connection 电气连接	Cable Packard DIN43650 Connector M12 4Pin Connector Header	x	x	x	x	x	x		x	Bluetooth
Performance 性能										
Voltage Output or Bluetooth Output 电压输出型 蓝牙输出型	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability (Typical) % FS/year	< ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.1% ± 0.5% ± 0.5% ± 0.25%	± 0.5% ± 1% ± 1.5% ± 0.25%	± 0.5% ± 1% ± 1.5% ± 0.25%	± 0.75% ± 2.0% ± 0.25%
4-20 mA Output 电流输出型	Accuracy BFSL, 25 °C (FS) TEB (FS) Zero/ Span Offset Tolerance (FS) Stability % FS/year	< ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.5% ± 2% ± 1.5% < ±0.25%	± 0.1% ± 0.5% ± 0.5% ± 0.25%	± 0.5% ± 1% ± 1.5% ± 0.25%	± 0.5% ± 1% ± 1.5% ± 0.25%	
Compensated Temperature Range Operating Temperature Range Storage Temperature Range	温度补偿范围 工作温度范围 存储温度范围	0 °C ~ 55 °C -40 °C ~ +85 °C	-20 °C ~ +85 °C -40 °C ~ +100 °C	-20 °C ~ +85 °C -40 °C ~ +100 °C	-20 °C ~ +85 °C -40 °C ~ +100 °C	-20 °C ~ +85 °C -40 °C ~ +100 °C	-10 °C ~ +85 °C -40 °C ~ +125 °C	0 °C ~ +55 °C -40 °C ~ +85 °C	0 °C ~ +55 °C -40 °C ~ +85 °C	-20 °C ~ +85 °C -20 °C ~ +85 °C
Burst Pressure Proof Pressure	爆破压 过载压力	3X FS 2X FS	3X FS 2X FS	3X FS 2X FS	3X FS 2X FS	3X FS 2X FS	3X FS 2X FS	5X FS 2X FS	5X FS 2X FS	5X FS 1.5X FS
Pressure Cycles (Million) Mechanical Vibration	压力循环 (百万次) 机械振动	4 IEC 60068-2-6, 50 g, 10 - 2000 Hz 20 g, 10 - 2000 Hz	4 x	4 x	4 x	4 x	4 x	4 x	4	1 x
Ingress Protection 防护等级	IP level						IP65	IP68	IP68	IP65
Electrical data 电气参数										
Supply Voltage (VDC) Voltage Outputs or Bluetooth Output 供电电压 电压输出型、蓝牙输出型	0.5 - 4.5 V Ratiometric 1 - 5 V, or 0 - 5 V Supply Current (mA)	5V 1.2	4.75~5.25V 9~32V <3	4.75~5.25V 9~32V <3	4.75~5.25V 9~32V <3	4.75~5.25V 9~32V <3		4.75~5.25V 8~32V <3	4.75~5.25V 8~32V <3	½ AA Lithium battery Continuous operation 7 days, 5 x 5 minute operations per day. Product can be used for over 365 days. BLE module reads out the updated data from internal sensor connection ASIC every 500ms, and it transmits the data to the device at 500ms interval.
Supply Voltage (VDC) Current Outputs 供电电压 电流输出型	4 - 20 mA Supply Current (mA)						9~32V <30	9~32V <30	9~32V <30	

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Pressure-Sensor.com







Pressure Sensor Limited

Precision Sensor Solutions

SENSOR SOLUTIONS

Standard Product Range

PRODUCT SPECIFICATIONS 产品规格

		Low to Medium Pressures 低到中等压力型		High Pressures 高压型		Plastic Package 封装
		621 (D.A.M)	629 (D.A.M)	630	631	627
						
Pressure Range 压力量程	Psi Bar Pressure Type 压力类型	0-29/72.5/145 0-2.0/5.0/10 Absolute&Gauge 绝压和表压	0-14.5/72.5/145/290 0-1/5/10/20 Absolute&Gauge 绝压和表压	0-1000/3000/5000/10000 0-69/207/345/670 Absolute&Sealed Gauge 绝压和密封压		0-1/5/15/50/100/150/200 0-0.07/0.34/1.03/3.45/ 6.7/10.3/13.8 Gauge 表压
Dimensions 尺寸	Total Length 总长度	15.00mm(0.59")	5.00mm(0.197")	12.95mm(0.51")	8.00mm(0.315")	L&W: 8.50mm(0.335") H: 8.99mm(0.354")
Cylinder 油缸 Cylinder Diameter 油缸直径	Size 尺寸	φ19.00mm(φ0.748")	φ19.00mm(φ0.748")	φ15.01mm(φ0.591")	φ13.00mm(φ0.512")	φ3.15mm(φ0.124")
Temperature Compensation 温度补偿方式	ASIC Passive	x x	x x	x x	x x	x
Wetted Parts 接液件	316 SS 17-4 PH Brass Ceramics (FKM, Viton, CR, HNBR)	x x x	x x x	x x x	x x x	
Supply Voltage 供电电压	Digital (FC)	3.0-5.0VDC	3.0-5.0VDC			3.0-5.0VDC
	Analog	4.75-5.25VDC	4.75-5.25VDC			4.75-5.25VDC
	Millivolt	5.0-10VDC	5.0-10VDC	Typ.5VDC, Max.15VDC		
Current Consumption 耗电电流		< 3 mA	< 3 mA	< 3 mA		< 3 mA
Performance 性能						
Accuracy (BFSL) 精度 (最佳拟合直线)		± 0.25%	± 0.25%	± 0.5%		± 0.5%
Error (TEB) 总误差		± 2.5%	± 2.5%			± 2.5%
Compensated Temperatures 温度补偿范围		0°C-50°C	0 -50	0 -50		-30°C-50°C
Operating Temperatures 工作温度范围		-30°C-+100°C	-30 -+100	-40 -+150		-40°C-+105°C
Storage Temperatures 存储温度范围		-40°C-+125°C	-40 -+125	-55 -+160		-40°C-+125°C
Offset 偏移		± 1.5%	± 1.5%	Min:-10mV/V, Typ:0mV/V, Max:10mV/V (Zero Pressure, @25°C)		± 2.0%
Burst Pressure 爆破压		3X FS	3X FS	2X FS		300 (1-100psig) 325 (150&200psig)
Proof Pressure 过载压力		2X FS	2X FS			1.5X FS
Fatigue Life (Million Full Scale Pressure Cycles) 疲劳寿命		4	4	4		1

PSCL PRESSURE SENSORS PSCL 压力传感器

PSCL Pressure Transducers offer outstanding price/performance ratio:

- Accuracy Typ:0.25% BFSL , TEB: ≤1%
- Temperature Range up to -40°C ~+150°C
- EMI / RFI / CE / FCC Certifications

PSCL压力传感器价格具有市场竞争力, 性能优越:

- 精度典型值: 0.25% BFSL, TEB: ≤1%
- 温度范围: 零下40摄氏度到150摄氏度
- EMI/RFI/CE/FCC 认证



PSCL Sensors Design offers Long-Life Stability.

- High Shock and Vibration Stability
- High Ingress Protection > IP65
- Media isolation with 316L and 17-4 Stainless Steel Wetted Surfaces.
- mV, Ratiometric Voltage, 4-20mA, Digital Outputs: SPI, 12C
- Wide Range of Products
- Pressure Ranges including Vacuum up to 30,000 PSI

PSCL 压力传感器基于耐久稳定的理念而设计

- 具有高强度冲击及震动下的稳定性
- 高防护等级>IP65
- 316L 和17-4不锈钢接液表面绝缘媒介
- 毫伏、比率计电压, 4-20mA 数字式输出: SPI, 12C
- 产品结构多元化
- 真空压力量程可达30000PSI



Your long-term partner for sensor design and manufacture.
We look forward to working with you.

PSL是您在传感器设计与制造中的长期合作伙伴。如有需要, 请联系我们, 期待与您的合作!

Pressure Sensor Limited

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